

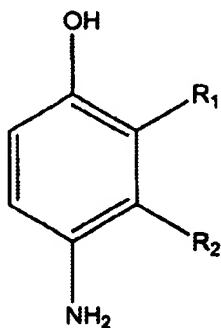
APPENDIX TO AMENDMENT OF January 31, 2003

Version with Markings to Show Changes Made

Amendments to the Claims

1. (Twice Amended) A composition for the oxidation dyeing of keratin fibres comprising, in a medium which is suitable for dyeing:

(a) at least one oxidation base chosen from 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β -hydroxyethylaminomethyl)phenol and 4-amino-2-fluorophenol, and an addition salt thereof with an acid [a substituted para-aminophenol corresponding to formula (I), and an addition salt thereof with an acid:



in which:

R₁ is chosen from hydrogen, fluorine, C₁-C₄ alkyl radicals, C₁-C₄ monohydroxyalkyl radicals, C₂-C₄ polyhydroxyalkyl radicals, C₁-C₄ alkoxyalkyl radicals, C₁-C₄ aminoalkyl radicals, and monohydroxy (C₁-C₄) alkylamino (C₁-C₄) alkyl radicals; R₂ is chosen from hydrogen, fluorine, C₁-C₄ alkyl radicals, C₁-C₄ monohydroxyalkyl radicals, C₂-C₄ polyhydroxyalkyl radicals, C₁-C₄ aminoalkyl radicals, cyano (C₁-C₄) alkyl radicals, and C₁-C₄ alkoxyalkyl radicals; and

provided that at least one, and only one, of R₁ and R₂ is hydrogen]; and

(b) a coupler chosen from 1,3-bis(β-hydroxyethyl) amino-2-methylbenzene and an addition salt thereof with an acid;

wherein said composition does not include an oxidation base chosen from pyrimidine, pyrimidine derivatives, 2-β-hydroxyethyl-para-phenylenediamine, an addition salt thereof with an acid, and 1-(5-amino-2-hydroxyphenyl)ethane-1,2-diol.

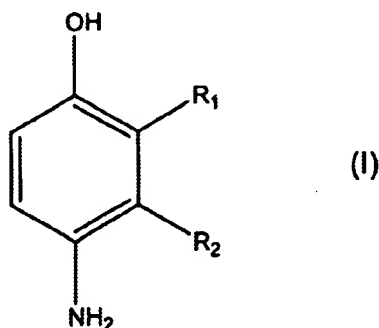
13. (Twice Amended) A process for dyeing keratin fibres comprising the steps of 1) applying to said fibers at least one dye composition, and 2) developing a color at acidic, neutral or alkaline pH with the aid of an oxidizing agent which is added to the dye composition only at the time of use, or which is present in an oxidizing composition that is applied simultaneously with the dye composition or sequentially after application of the dye composition, said at least one dye composition comprising, in a medium which is suitable for dyeing:

(a) at least one oxidation base chosen from 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-

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hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β -hydroxyethylaminomethyl)phenol and 4-amino-2-fluorophenol, and an addition salt thereof with an acid [a substituted para-aminophenol corresponding to formula (I), and an addition salt thereof with an acid:



in which:

R_1 is chosen from hydrogen, fluorine, C_1 - C_4 alkyl radicals, C_1 - C_4 monohydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, C_1 - C_4 alkoxyalkyl radicals, C_1 - C_4 aminoalkyl radicals, and monohydroxy (C_1 - C_4) alkylamino (C_1 - C_4) alkyl radicals;

R_2 is chosen from hydrogen, fluorine, C_1 - C_4 alkyl radicals, C_1 - C_4 monohydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, C_1 - C_4 aminoalkyl radicals, cyano (C_1 - C_4) alkyl radicals, and C_1 - C_4 alkoxyalkyl radicals; provided that at least one, and only one, of R_1 and R_2 is hydrogen]; and

(b) a coupler chosen from 1,3-bis(β -hydroxyethyl) amino-2-methylbenzene and an addition salt thereof with an acid;

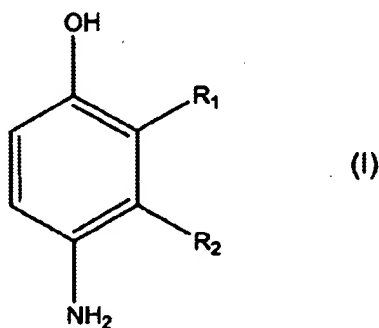
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wherein said composition does not include an oxidation base chosen from pyrimidine, pyrimidine derivatives, 2-β-hydroxyethyl-para-phenylenediamine, an addition salt thereof with an acid, and 1-(5-amino-2-hydroxyphenyl)ethane-1,2-diol.

18. (Twice Amended) A multi-compartment dyeing kit comprising a first compartment that contains a dye composition for the oxidation dyeing of keratin fibres comprising, in a medium which is suitable for dyeing:

(a) at least one oxidation base chosen from 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β-hydroxyethylaminomethyl)phenol and 4-amino-2-fluorophenol, and an addition salt thereof with an acid [a substituted para-aminophenol corresponding to formula (I), and an addition salt thereof with an acid:



in which:

R₁ is chosen from hydrogen, fluorine, C₁-C₄ alkyl radicals, C₁-C₄ monohydroxyalkyl radicals, C₂-C₄ polyhydroxyalkyl radicals, C₁-C₄ alkoxyalkyl radicals, C₁-C₄ aminoalkyl radicals, and

monohydroxy (C₁-C₄) alkylamino (C₁-C₄) alkyl radicals;

R₂ is chosen from hydrogen, fluorine, C₁-C₄ alkyl radicals,

C₁-C₄ monohydroxyalkyl radicals, C₂-C₄ polyhydroxyalkyl radicals,

C₁-C₄ aminoalkyl radicals, cyano (C₁-C₄)alkyl radicals, and C₁-C₄alkoxyalkyl radicals;

provided that at least one, and only one, of R₁ and R₂ is hydrogen]; and

(b) a coupler chosen from 1,3-bis(β-hydroxyethyl) amino-2-methylbenzene and

the addition salts thereof with an acid;

wherein said composition does not include an oxidation base chosen from pyrimidine, pyrimidine derivatives, 2-β-hydroxyethyl-para-phenylenediamine, an addition salt thereof with an acid, and 1-(5-amino-2-hydroxyphenyl)ethane-1,2-diol, and

a second compartment that contains an oxidizing composition.

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